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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 5

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Application Number	
Filing Date	8/28/2003
First Named Inventor	Carl R. Simmons
Group Art Unit	
Examiner Name	
Attorney Docket Number	1266R

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A1	STIEKEMA, ET AL., "Molecular cloning and analysis of four potato tuber mRNAs", <i>Plant Mol Biol</i> , (1988), 11:255-269	
	A2	HENDRIKS, ET AL., "Patatin and four serine proteinase inhibitor genes are differentially expressed during potato tuber development", <i>Plant Mol Biol</i> , (1991), 17:385-394	
	A3	ASAO, ET AL., "The Amino Acid Sequence of a Bowman-Birk Type Proteinase Inhibitor from Faba Beans (<i>Vicia faba</i> L.)", <i>J Biochem</i> , (1991), 110:951-955	
	A4	SWORDS, ET AL., "Complementary Immunolocalization Patterns of Cell Wall Hydroxyproline-Rich Glycoproteins Studied with the Use of Antibodies Directed against Different Carbohydrate Epitopes", <i>Plant Physiol</i> , (1993), 102:891-901	
	A5	MOLINA, ET AL., "Lipid transfer proteins (nsLTPs) from barley and maize leaves are potent inhibitors of bacterial and fungal plant pathogens", <i>FEBS</i> , (1993), 316(2):119-122	
	A6	ROHRMEIER, ET AL., "WIP1, a wound-inducible gene from maize with homology to Bowman-Birk proteinase inhibitors", <i>Plant Mol Biol</i> , (1993), 22:783-792	
	A7	MEIJER, ET AL., "Characterization of the non-specific lipid transfer protein EP2 from carrot (<i>Daucus carota</i> L.)", <i>Mol Cell Biochem</i> , (1993), 123:159-166	
	A8	BAEK, ET AL., "Nucleotide Sequence of a cDNA Encoding Soybean Bowman-Birk Proteinase Inhibitor", <i>Plant Physiol</i> , (1993), 102:687	
	A9	KOSHIBA, TOMOKAZU, "Cytosolic Ascorbate Peroxidase in Seedlings and Leaves of Maize (<i>Zea mays</i>)", <i>Plant Cell Physiol</i> , (1993), 34(5):713-721	
	A10	KIMURA, ET AL., "On a Bowman-Birk Family Proteinase Inhibitor from <i>Erythrina variegata</i> Seeds", <i>J Biochem</i> , (1994), 115:369-372	
	A11	LEDGER, ET AL., "Cloning and characterization of five cDNAs for genes differentially expressed during fruit development of kiwifruit (<i>Actinidia deliciosa</i> var. <i>deliciosa</i>)", <i>Plant Mol Biol</i> , (1994), 25:877-886	

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	A12	BAEK, ET AL., "Nucleotide Sequence Homology of cDNAs Encoding Soybean Bowman-Birk Type Proteinase Inhibitor and Its Isoinhibitors", <i>Biosci Biotech Bioch</i> , (1994), 58(5):843-846	
	A13	SNOWDEN, ET AL., "Aluminum-Induced Genes", <i>Plant Physiol</i> , (1995), 107:341-348	
	A14	FERRASSON, ET AL., "Amino Acid Sequence of a Bowman-Birk Proteinase Inhibitor from Pea Seeds", <i>J Protein Chem</i> (1995), 14(6):467-475	
	A15	JONGSMA, ET AL., "Phage display of a double-headed proteinase inhibitor: analysis of the binding domains of potato proteinase inhibitor II", <i>Mol Breeding</i> , (1995), 1:181-191	
	A16	OUVRARD, ET AL., "Identification and expression of water stress- and abscisic acid-regulated genes in a drought-tolerant sunflower genotype", <i>Plant Mol Biol</i> , (1996), 31:819-829	
	A17	MORITA, ET AL., "Partial Purification and Characterization of a Novel Soybean Protease Which Is Inhibited by Kunitz and Bowman-Birk Trypsin Inhibitors", <i>J Biochem</i> , (1996), 119:711-718	
	A18	NIELSEN, ET AL., "New antifungal proteins from sugar beet (<i>Beta vulgaris</i> L.) showing homology to non-specific lipid transfer proteins", <i>Plant Mol Biol</i> , (1996), 31:539-552	
	A19	VAN DER EYCKEN, ET AL., "A molecular study of root-knot nematode-induced feeding sites", <i>Plant J</i> , (1996), 9(1):45-54	
	A20	SANTOS, ET AL., "Cytosolic ascorbate peroxidase from <i>Arabidopsis thaliana</i> L. is encoded by a small multigene family", <i>Planta</i> , (1996), 198:64-69	
	A21	PRAKASH, ET AL., "Analysis of the Amino Acid Sequences of Plant Bowman-Birk Inhibitors", <i>J Mol Evol</i> , (1996), 42:560-569	
	A22	SREERAMA, ET AL., "Antigenic determinants and reactive sites of a trypsin/chymotrypsin double-headed inhibitor from horse gram (<i>Dolichos biflorus</i>)", <i>Biochim Biophys Acta</i> , (1997), 1343:235-242	

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Sheet 3 of 5

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	A23	ORVAR, ET AL., "Transgenic tobacco plants expressing antisense RNA for cytosolic ascorbate peroxidase show increased susceptibility to ozone injury", <i>Plant J.</i> (1997), 11(6):1297-1305	
	A24	XIE, ET AL., "Two Reactive Site Locations and Structure-Function Study of the Arrowhead Proteinase Inhibitors, A and B, Using Mutagenesis", <i>Biochemistry</i> , (1997), 36:5846-5852	
	A25	FORDHAM-SKELTON, ET AL., "Accumulation of metallothionein transcripts in response to iron, copper and zinc: Metallothionein and metal-chelate reductase", <i>Acta Physiol Plant</i> , (1997), 19(4):451-457	
	A26	GARIANI, ET AL., "Stability of protease inhibitors based on the Bowman-Birk reactive site loop to hydrolysis by proteases", <i>J Peptide Res</i> , (1997), 49:467-475	
	A27	WEDER, ET AL., "Isolation and Characterisation of Four Trypsin-Chymotrypsin Inhibitors from Lentil Seeds", <i>J Sci Food Agric</i> , (1998), 78:429-434	
	A28	SREERAMA, ET AL., "Bowman-Birk Type Proteinase Inhibitor Profiles of Horse Gram (<i>Dolichos biflorus</i>) during Germination and Seed Development", <i>J Agric Food Chem</i> , (1998), 46:2596-2600	
	A29	CIPOLLINI, DONALD F. JR., "The Induction of Soluble Peroxidase Activity in Bean Leaves by Wind-Induced Mechanical Perturbation", <i>Am J Bot</i> , (1998), 85(11):1586-1591	
	A30	MUÑOZ, ET AL., "Increased expression of two cDNAs encoding metallothionein-like proteins during growth of <i>Cicer arietinum</i> epicotyls", <i>Physiol Plantarum</i> , (1998), 104:273-279	
	A31	URWIN, ET AL., "Enhanced transgenic plant resistance to nematodes by dual proteinase inhibitor constructs", <i>Planta</i> , (1998), 204:472-479	
	A32	DUBREIL, ET AL., "Spatial and temporal distribution of the major isoforms of puroindolines (puroindoline-a and puroindoline-b) and non specific lipid transfer protein (ns-LTP1e) of <i>Triticum aestivum</i> seeds. Relationships with their in vitro antifungal properties", <i>Plant Sci</i> , (1998), 138:121-135	
	A33	ELLIOTT, ET AL., "Promoter regions of the ExtA extensin gene from <i>Brassica napus</i> control activation in response to wounding and tensile stress", <i>Plant Mol Biol</i> , (1998), 38:913 (Note: Corrected figure only)	

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	A34	ELLIOTT, ET AL., "Promoter regions of the extA extensin gene from <i>Brassica napus</i> control activation in response to wounding and tensile stress", <i>Plant Mol Biol</i> , (1998), 37:675-687	
	A35	AHN, ET AL., "Expression of a Soybean Hydroxyproline-Rich Glycoprotein Gene Is Correlated with Maturation of Roots", <i>Plant Physiol</i> , (1998), 116:671-679	
	A36	STURARO, ET AL., "Characterization of a cDNA encoding a putative extensin from developing barley grains (<i>Hordeum vulgare</i> L.), <i>J Exp Bot</i> , (1998), 49(329):1935-1944	
	A37	MCBRIDE, ET AL., "The Role of Threonine in the P ₂ Position of Bowman-Birk Proteinase Inhibitors: Studies on P ₂ Variation in Cyclic Peptides Encompassing the Reactive Site Loop", <i>J Mol Biol</i> , (1998), 282:447-457	
	A38	GARIANI, ET AL., "The role of the P ₂ ' position of Bowman-Birk proteinase inhibitor in the inhibition of trypsin. Studies on P ₂ ' variation in cyclic peptides encompassing the reactive site loop", <i>Biochim Biophys Acta</i> , (1999), 1431:232-237	
	A39	HIRSINGER, ET AL., "The tobacco extensin gene <i>Ext 1.4</i> is expressed in cells submitted to mechanical constraints and in cells proliferating under hormone control", <i>J Exp Bot</i> , (1999), 50(332):343-355	
	A40	IANNELLI, ET AL., "Tolerance to low temperature and paraquat-mediated oxidative stress in two maize genotypes", <i>J Exp Bot</i> , (1999), 50(333):523-532	
	A41	MITTLER, ET AL., "Signals controlling the expression of cytosolic ascorbate peroxidase during pathogen-induced programmed cell death in tobacco", <i>Plant Mol Biol</i> , (1999), 39:1025-1035	
	A42	SOHAL, ET AL., "The promoter of a <i>Brassica napus</i> lipid transfer protein gene is active in a range of tissues and stimulated by light and viral infection in transgenic <i>Arabidopsis</i> ", <i>Plant Mol Biol</i> , (1999), 41:75-87	
	A43	CHEN, ET AL., "Defense enzymes induced in cucumber roots by treatment with plant growth-promoting rhizobacteria (PGPR) and <i>Pythium aphanidermatum</i> ", <i>Physiol Mol Plant P</i> , (2000), 56:13-23	
	A44	SIMMONS, ET AL., "Maize pathogen defenses activated by avirulence gene <i>avrRxv</i> ", <i>Maize Genetics Cooperation Newsletter</i> , (2002), 76:40-41	

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	A45	LAZAR, ET AL., "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities", Mol. Cell. Biol. (1988) 8:1247-1252	
	A46	HILL, ET AL., "Functional Analysis of Conserved Histidines in ADP-Glucose Pyrophosphorylase from <i>Escherichia coli</i> ", Biochem. Biophys. Res. Comm. (1998) 244:573-577	
	A47	DUGGLEBY, R., "Identification of an acetolactate synthase small subunit gene in two eukaryotes", Gene (1997) 190:245-249	
	A48	HILDER, ET AL., Accession No.: S09415 (1995)	
	A49	BAEK, ET AL., Accession No.: P01055 (1996)	

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